WSDOT

Standard Concrete Finishes

For Bridge & Structure Construction in Highway Projects



Paul Kinderman PE AIA
State Bridge and Structures Architect

WSDOT Standard Concrete Finishes

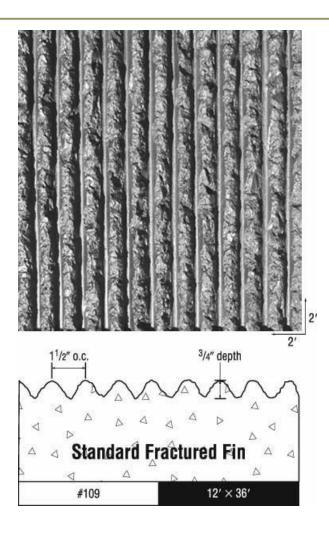
with Premanufactured Form Liners

- Fractured Fin Finish
- Fractured Granite Finish
- Random Board Finish (3/4")
- Random Board Finish (Variable Depth)
- Ribbed Finish
- Striated Finish
- Ashlar Stone Finish
- Block Finish
- Split Face Finish
- River Rock Finish
- Oregon Basalt Finish

Context Sensitive Solutions

- These finishes have been selected based on their continued use in WSDOT construction projects.
- Aesthetic features for the community and corridor roadway sides.
- High likelihood of their continued use as WSDOT standardized finishes.

Fractured Fin

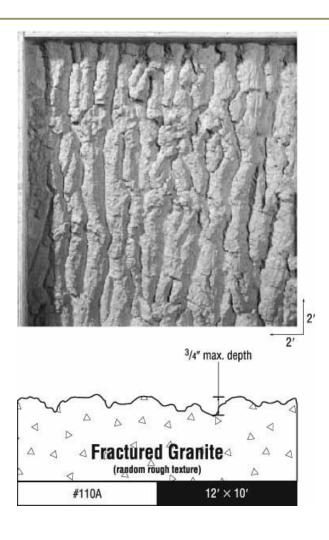


- The Original fractured fin was produced in 1970.
- This 30 years old is one of the most specified surface treatments..

Typical uses:

I-90, I-5, Statewide classic

Fractured Granite

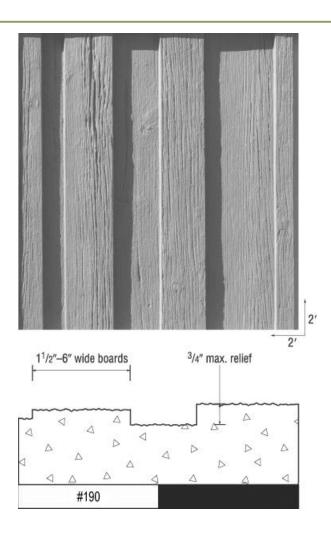


 Surface treatment resembles bark or fractured granite.

Typical uses:

Near selected areas, Everett HOV I-5, Mill creek

Random Board Finish (¾")

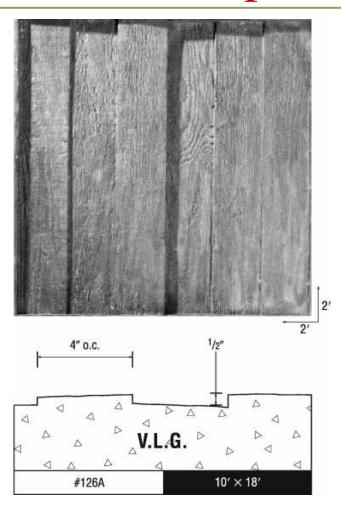


 Natural looking, rough-cut wood textures.

Typical uses:

SR 16, I-5, I-90, SR 18,SR 520

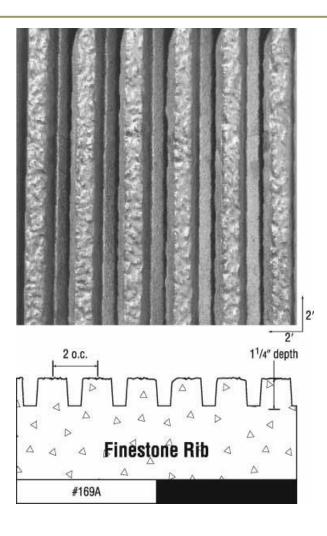
Random Board Finish (Variable Depth)



Typical uses:

Similar to SR 16, I-5, I-90,SR 18, SR 520

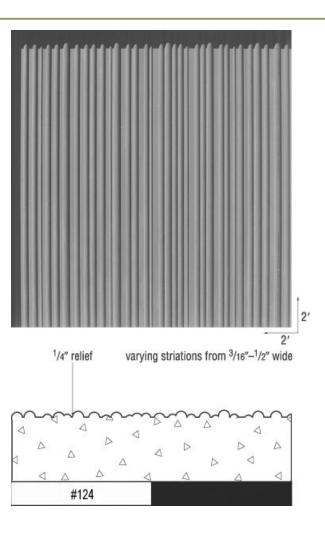
Ribbed Finish



Typical uses:

Selected areas for accents

Striated Finish

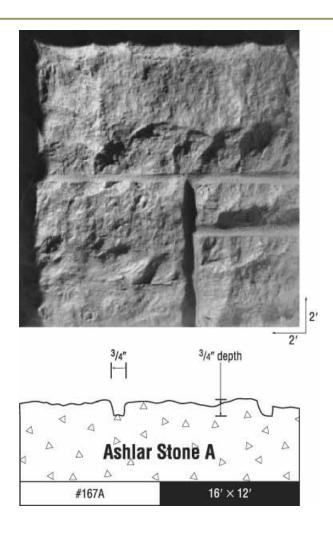


1960's Transportation classic.

Typical uses:

I-5 raised panel designs

Ashlar Stone Finish

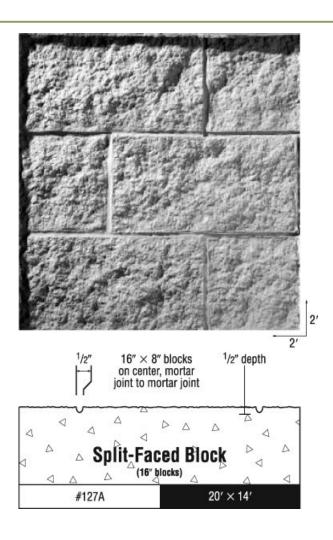


- Random cut stone texture.
- Ideal use in projects requiring stone finish of concrete surfaces.

Typical uses:

I-405

Block Finish

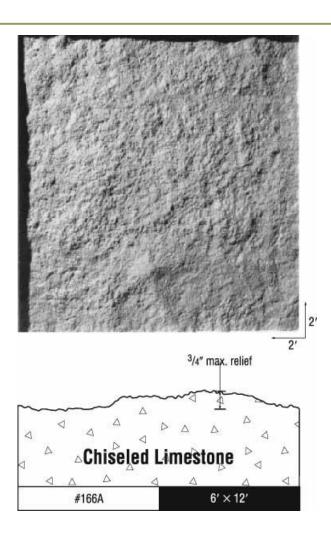


Blends with modular block structural earth walls.

Typical uses:

I-5 Lewis Co., SR 303 Silverdale, SR 18

Split face Finish

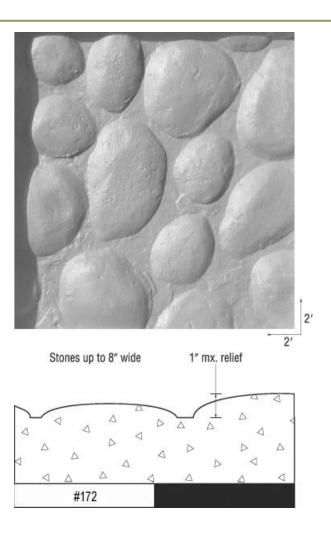


Appearance of split stone.

Typical Uses:

I-5 Lewis Co., SR 18, & North Spokane Corridor

River Rock Finish

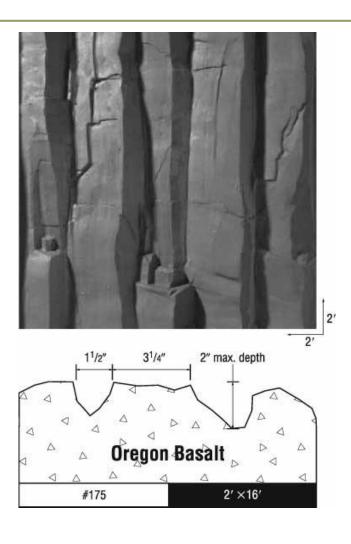


Used in rural areas with natural settings.

Typical uses:

NWR selected areas

Oregon Basalt Finish



 Blends with natural columnar basalt rock formations found in Eastern Washington

Typical uses:

North Spokane corridor, rural settings

WSDOT

- For approved products and procedures, please consult WSDOT General Special Provisions.
- WSDOT 2008 Bridge and Structures Office

General Special Provisions

Form liners that are specified by the Washington State Department of Transportation in their General Special Provisions.

http://www.wsdot.wa.gov/Design/ProjectDev/GSP/Divsion6.htm

Please curser down to <u>2213.GB6</u> through <u>02218.GB6</u>.